

a housing made of a casting or a molding compound;

an integrated circuit having a base area; and

*B1*  
a lead frame having an island with a base area supporting said integrated circuit, a ratio between the base area of said integrated circuit and the base area of said island being from 0.7 to 0.9 for avoiding flexure of said housing;

said integrated circuit and said island embedded in said housing so that a thickness of a housing region above said integrated circuit is substantially equal to a thickness of a housing region below said island.

---